(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 28 February 2002 (28.02.2002)

PCT

(10) International Publication Number WO 02/017595 A3

(51) International Patent Classification7: G06F 1/00

H04L 29/06,

(74) Agents: LAZAR, Dale, S. et al.; Pillsbury Winthrop LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).

- (21) International Application Number: PCT/US01/41849
- (22) International Filing Date: 23 August 2001 (23.08.2001)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

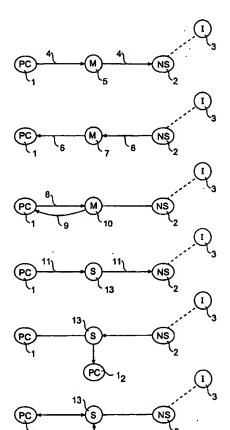
60/227,660 60/308,826 25 August 2000 (25.08.2000)

- US 1 August 2001 (01.08.2001) US
- (71) Applicant and
- (72) Inventor: ELLIS, Frampton, E., III [US/US]; Suite B-2, 2895 South Abingdon Street, Arlington, VA 22206-1331 (US).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
 - LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: GLOBAL NETWORK COMPUTERS



(57) Abstract: An apparatus for a network of computers is presented. A plurality of inner firewalls operate within a personal computer. The personal computer operates in a network of computers and includes at least one microprocessor and at least two memory components. The plurality of inner firewalls deny access to a first memory component of the personal computer by another computer through a network connection with the personal computer during a shared operation. The plurality of inner firewalls also allow access to a second memory component of the personal computer by the other computer through the network connection with the personal computer during the shared operation.



WO 02/017595



Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:

3 October 2002

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/41849 CLASSIFICATION OF SUBJECT MATTER A. CLASS H04L29/06 G06F1/00 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) HO4L GO6F IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to dalm No. Citation of document, with indication, where appropriate, of the relevant passages 1-4. X WO 99 32972 A (ELLIS FRAMPTON E III) 6 - 141 July 1999 (1999-07-01) 16-65. 71-74 5,15, Α 66 - 70page 7, line 23 -page 10, line 28 page 16, line 11 -page 20, line 7 page 22, line 5 -page 24, line 6 page 28, line 13 -page 29, line 17 page 32, line 7 -page 44, line 2 figures 10A-10Q Patent family members are listed in annex. X Further documents are listed in the continuation of box C. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the 'A' document defining the general state of the art which is not considered to be of particular relevance invention 'E' earlier document but published on or after the International "X" document of particular retevance; the claimed invention cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means in the art. document published prior to the international filing date but "&" document member of the same patent family later than the priority date claimed Date of mailing of the international search report Date of the actual completion of the international search 31/07/2002 23 July 2002 Authorized officer

Lázaro, M.L.

Name and mailing address of the ISA

Fax: (+31-70) 340-3016

European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl,

international search report

International Application No

		PCT/US 01/41849					
.(Continu ategory °	ontinuation) DOCUMENTS CONSIDERED TO BE RELEVANT gory * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No						
uegory	Calabori of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.					
X A	WO 98 26366 A (ELLIS FRAMPTON E III) 18 June 1998 (1998-06-18)	1-4,6-8, 12-14, 16,17, 20-40, 42,43, 46-65, 67,71-74 5,9-11, 15,18, 19,41, 44,45, 66,68-70					
	page 5, line 21-30 page 7, line 22-32 page 11, line 26 -page 12, line 6 page 16, line 36 -page 17, line 33 page 21, line 33 -page 22, line 9 page 26, line 6 -page 27, line 10 page 30, line 14 -page 33, line 20 page 35, line 30 -page 37, line 14 claims 42-49 figures 10A-10I						
	"Ein-Chip-Firewall: Der Sheriff kommt ins Haus" ELEKTRONIKNET, 31 March 1999 (1999-03-31), XP002164257 the whole document	1-74					

INTERNATIONAL SEARCH REPORT

Information on patent family members

PCT/US 01/41849

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9932972	Α	01-07-1999	AU		A	12-07-1999
			CA	2312904	A1	01-07-1999
			CN	1282427	T	31-01-2001
			EP	1040418	A1	04-10-2000
			JР	2001527236	T	25-12-2001
			บร	2001013049	A1	09-08-2001
			WO	9932972	A1	01-07-1999
			US	2002059392	A1	16-05-2002
			US	2002087886	A1	04-07-2002
WO 9826366	Α	18-06-1998	US	2001011294	A1	02-08-2001
	•		AU	742835	B2	10-01-2002
			AU	5365898	Α	03-07-1998
			CN	1251667	Α	26-04-2000
			EP	0944871	A2	29-09-1999
			JP	2002513485	T	08-05-2002
			US	2001013049	A1	09-08-2001
			WO	9826366	A2	18-06-1998
			US	6167428	Α	26-12-2000
			US	2002059392	A1	16-05-2002
			US	2002087886	A 1	04-07-2002